

DISCRETE APPLIED MATHEMATICS
Volume 112, Numbers 1–3, 15 September 2001

Contents

<i>M. Labbé</i> Preface	1
<i>M. Baïou</i> On the dominant of the Steiner 2-edge connected subgraph polytope	3
<i>R. Borndörfer and R. Weismantel</i> Discrete relaxations of combinatorial programs	11
<i>C.C.B. Cavalcante, C.C. de Souza, M.W.P. Savelsbergh, Y. Wang and L.A. Wolsey</i> Scheduling projects with labor constraints	27
<i>G. Confessore, P. Dell'Olmo and S. Giordani</i> An approximation result for a periodic allocation problem	53
<i>T.G. Crainic, A. Frangioni and B. Gendron</i> Bundle-based relaxation methods for multicommodity capacitated fixed charge network design	73
<i>M.D. Biha, H. Kerivin and A.R. Mahjoub</i> Steiner trees and polyhedra	101
<i>S. Fiorini</i> Determining the automorphism group of the linear ordering polytope	121
<i>L. Gouveia and J.M. Pires</i> The asymmetric travelling salesman problem: on generalizations of disaggregated Miller–Tucker–Zemlin constraints	129
<i>M. Hartmann and Ö. Özlük</i> Facets of the p -cycle polytope	147
<i>J. Hurink and J. Keuchel</i> Local search algorithms for a single-machine scheduling problem with positive and negative time-lags	179

<i>J. Hurink and S. Knust</i> Makespan minimization for flow-shop problems with transportation times and a single robot	199
<i>B. Jaumard, O. Marcotte, C. Meyer and T. Vovor</i> Comparison of column generation models for channel assignment in cellular networks	217
<i>T. Polzin and S.V. Daneshmand</i> A comparison of Steiner tree relaxations	241
<i>T. Polzin and S.V. Daneshmand</i> Improved algorithms for the Steiner problem in networks	263
<i>H.E. Romeijn and D.R. Morales</i> A probabilistic analysis of the multi-period single-sourcing problem	301
Author Index	329

